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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 016912/0198

In re patent application of  
Masaki KOBAYASHI et al.

Serial No. 09/621,556

Group Art Unit: Unknown

Filed: July 21, 2000

Examiner: Unknown

For: COATED CEMENTED CARBIDE EXCELLENT IN PEEL STRENGTH AND  
PROCESS FOR PRODUCING THE SAME

LETTER

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached hereto is a copy of the recorded Assignment, the original Computer Print-Out entitled "NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT" as well as a copy of our Transmittal Letter, indicating payment of the required Assignment recordation fee.

The following discrepancies were noted:

In the address of the Assignee, please change "Hirikawa" to --Horikawa-- and change "Ki" to --Ku--.

Applicants respectfully request correction of the above-noted errors and that a revised copy of the computer print-out be forwarded to their undersigned attorney of record.

Respectfully submitted,

April 2, 2001

Date

FOLEY & LARDNER  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
(202) 672-5300

\_\_\_\_\_  
Richard L. Schwaab  
Registration No. 25,479

16912/198



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 19, 2000

FOLEY & LARDNER  
RICHARD L. SCHWAAB  
WASHINGTON HARBOUR  
3000 K STREET, N.W., SUITE 500  
WASHINGTON, DC 20007-5109

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/21/2000

REEL/FRAME: 010960/0787  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KOBAYASHI, MASAKI

DOC DATE: 07/14/2000

ASSIGNOR:  
KITADA, HIROSHI

DOC DATE: 07/14/2000

ASSIGNEE: *Ku*  
TOSHIBA TUNGALOY CO., LTD.  
SOLID SQUARE 580, *Horikawa* HIRIKAWA-CHO  
SAIWAI-KI, KAWASAKI-SHI  
KANAGAWA, JAPAN

SERIAL NUMBER: 09621556  
PATENT NUMBER:

FILING DATE: 07/21/2000  
ISSUE DATE:

010960/0787 PAGE 2

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

# ASSIGNMENT

U.S. Rights--Sole or Joint

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and  
address of  
assignee

TOSHIBA TUNGALOY CO., LTD.  
Solid Square 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of  
invention

COATED CEMENTED CARBIDE EXCELLENT IN PEEL STRENGTH AND  
PROCESS FOR PRODUCING THE SAME

as set forth in his United States Patent Application

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☒ executed concurrently herewith

☐ executed on \_\_\_\_\_

☐ Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Masaki Kobayashi	Signature: <i>Masaki Kobayashi</i>	Date: 14/7/2000
Name: Hiroshi Kitada	Signature: <i>Hiroshi Kitada</i>	Date: 14/7/2000
Name: _____	Signature: _____	Date: _____
Name: _____	Signature: _____	Date: _____
NAMES AND SIGNATURES OF WITNESSES		
Name: Toshio Shimizu	Signature: <i>Toshio Shimizu</i>	Date: 14/7/2000
Name: _____	Signature: _____	Date: -

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

08-04-2000

Atty. Dkt. No. 016912/0198

FORM PTO-1595 (modified)

(Rev 6-93)

F



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R SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

## 1. Name of conveying party(ies):

Masaki KOBAYASHI  
Hiroshi KITADA
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**TC 1700**

## 2. Name and address of receiving party(ies):

TOSHIBA TUNGALOY CO., LTD.  
Solid Square 580, Horikawa-cho  
Saiwai-ku, Kawasaki-shi  
Kanagawa, JapanJC873 U.S. PTO  
09/621556

Additional conveying party(ies) NO

## 3. Nature of conveyance:

ASSIGNMENT

Execution Date:

July 14, 2000

Additional name(s) &amp; address(es) attached? NO

## 4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: July 14, 2000

A. Patent Application Number(s):

Unassigned

B. Patent Number(s):

09 621 556

Additional numbers attached? NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109

## 6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number: 19-0741

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## 9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above identified deposit account.*

Richard L. Schwaab

for Name of person signing

Signature

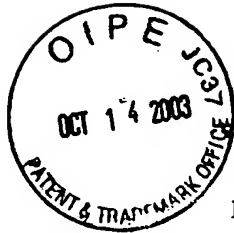
July 21, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

JULY 10, 2001

FOLEY & LARDNER  
RICHARD L. SCHWAAB  
WASHINGTON HARBOUR  
3000 K STREET, N.W., SUITE 500  
WASHINGTON, D.C. 20007-5109



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RECORDATION DATE: 04/17/2001

REEL/FRAME: 011725/0533  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KOBAYASHI, MASAKI

DOC DATE: 04/09/2001

ASSIGNOR:

KITADA, HIROSHI

DOC DATE: 04/09/2001

ASSIGNEE:

TOSHIBA TUNGALOY CO., LTD.  
SOLID SQUARE 580, HORIKAWA-CHO,  
SAIWAI-KU  
KAWASAKI-SHI, KANAGAWA, JAPAN

SERIAL NUMBER: 09835589  
PATENT NUMBER:

FILING DATE: 04/17/2001  
ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-30-2001

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

# ORDINATION FORM COVER SHEET PATENTS ONLY

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Masaki KOBAYASHI  
Hiroshi KITADA

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

April 9, 2001

2. Name and address of receiving party(ies):

TOSHIBA TUNGALOY CO., LTD.  
Solid Square 580, Horikawa-cho, Saiwai-ku  
Kawasaki-shi, Kanagawa, Japan

Additional name(s) &amp; address(es) attached?

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4. Application number(s) or patent number(s):

09835589

If this is being filed together with a new application, the execution date of the application is: April 9, 2001

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

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8. Deposit account number: 19-0741

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Richard L. Schwaab

Name of person signing

Signature

April 17, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

04/16/2001 RHR151 00000044 09835589

02 FC:581

40.00 OP

002.568565.1

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and  
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assignee

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invention

HIGHLY ADHESIVE SURFACE-COATED CEMENTED CARBIDE AND  
METHOD FOR PRODUCING THE SAME

as set forth in his United States Patent Application

check one

☒ executed concurrently herewith

☐ executed on \_\_\_\_\_

☐ Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

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NAMES AND SIGNATURES OF INVENTORS		
Name: Masaki Kobayashi	Signature: <i>Masaki Kobayashi</i>	Date: 9/4/2001
Name: Hiroshi Kitada	Signature: <i>Hiroshi Kitada</i>	Date: 9/4/2001
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: Toshio Shimizu	Signature: <i>Toshio Shimizu</i>	Date: 9/4/2001
Name:	Signature:	Date:

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